10/554009

JC20 Rec'd PCT/PTO 2 1 OCT 2005 PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Teppo Kojo

Date:

October 21, 2005

Filed:

Simultaneously herewith

Docket No.: FORSAL-107

Title:

Method for Calculating/Optimizing the Diameter of a Paper or Board

Web Reel

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. §1.56, applicant wishes to call the attention of the Examiner to the following documents:

United States Patents

U.S. Patent No.	<u>Patentee</u>	Issue Date
4,077,580	Lang et al.	03-07-1978
4,631,682	Ng et al.	12-23-1986
4,901,577	Roberts	12-20-1999
5,450,116	Weisefish et al.	09-12-1995
6,453,808	Nieminen et al.	09-24-2002
6,520,080	Fried	02-18-2003

Foreign Patent Documents

Country	Foreign Patent No.	<u>Patentee</u>	Issue Date
WO	02/088012	Metso Paper, Inc.	11-07-2002
WO	2004/094282	Metso Paper, Inc.	11-04-2004

Other Documents 20 Page 68 68 68 2 2 2 0CT 2003

"Roll Paper Requirements and Specifications" Quebec World Version 1.9, 'Online! September 1, 2003, XP002289964

"Containerboard Mechanical Roll Quality Standards", Smurfit-Stone, "Online! June 1, 2001, XP002289965

"Paper Machine Reel Optimization – Analysis and a Case Study" read by Dusan Dapcevic, published on pages C37 – C45 of the Conference Publication: Conference Record of the 1999 IEEE Annual Pulp & Paper Industry Technical Conference, Seattle, WA, June 21-25, 1999; 1-10

International Search Report issued in PCT/FI2004/000247

Written Opinion of the International Searching Authority issued in PCT/FI2004/000247

Search Report issued in FI20030618

Copies of the non-US documents are submitted herewith along with Form PTO/SB/08A and Form PTO/SB/08B.

Applicant respectfully requests that these documents be expressly considered during the prosecution of this application and made of record herein and appear among the "documents cited" on any patent to issue herefrom.

Respectfully submitted,

David R.J. Stiennon, Reg. No. 33212

Attorney for Applicant Stiennon & Stiennon

612 W. Main Street, Suite 201, P.O. Box 1667

Madison, WI 53701-1667

(608) 250-4870

IDS.app

Please type a plus sign (+) inside this box $\rightarrow \blacksquare$

e type a plus sign (+) inside this box → 🖽 Ratent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to the paperwork Reduc

control numi	Jei.														
Substitute	e for fo	rm 144	9A/PTO				Applica	ation Numbe	г						
INFORMATION DISCLOSURE					Filing Date		LU/	<i>1</i> 554009							
						First N	amed Invent	or			ерро Којс				
STATEMENT BY APPLICANT							Group	Art Unit							
(Use as many sheets as necessary)								Examiner Name							
Sheet	1		Of	Attorne	ey Docket Nu	mbe	r	F	ORSAL-1	07					
						U.S.	PATENT (OOCUMENT	s			-		•	
Examiner Cite Initials* No.1		U.S. Patent Document						me of Patentee or I lolicant of Cited		Da	Date of Publication of Cited Document		n Pa	Pages, Columns, Lines, Where Relevant Passag	
	Number Kind Coo (If know				Boodinent			MM-DD-YYYY			Relevant Figures Appear				
	ļ	4,077	• • • • • • • • • • • • • • • • • • • •				Lang et al	•			-07-19				
		4,631					Ng et al.			••••	-23-19				••••
		4,901			.		Roberts			••••	-20-19	• • • • • • • • • • • • • • • • • • • •		•••••	
	ł	5,450	• • • • • • • • • • • • • • • • • • • •		ļ		Weisefish		•		-12-19	• • • • • • • • • • • • • • • • • • • •			
	 	6,453	• • • • • • • • • • • • • • • • • • • •		. 		Nieminen	et al.	•••••		-24-20	• • • • • • • • • • • • • • • • • • • •			
	 	6,520			· 		Fried	•••••	•••••		-18-20				
	ł				· 		••••••	•••••	•••••		•••••				
	ł		••••••		· 				•••••		••••••	••••••		•••••••••••	•••••
	ł			••••••	†		••••••	••••••	•••••		••••••	•••••		••••••	
	†·····		••••••		†		••••••	••••••	•••••			••••••		••••••	•••••
	†·····		***************************************		†			••••••	•••••		••••••	••••••			• • • • • • • • • • • • • • • • • • • •
	†·····		••••••		1				•••••		••••••	••••••		•••••••	***************************************
	İ		*******************		1		**************	••••••	•••••	1	••••••	• • • • • • • • • • • • • • • • • • • •		••••••	••••••
	†		••••••	••••••	1		••••••	••••••		1	•••••	••••••	····	••••••	•••••
	1		•••••••		1		••••••	•••••••			•••••				•••••
		_			FOREIG	N PA	ATENT D	OCUMENT	S						
Examiner Initials*	Cite No.¹	Арр					cant of Cited Cited D		ted Document L M-DD-YYYY R		Line Rele	Pages, Columns, ines, Where Relevant Passages or Relevant Figures	T ⁶		
			uilinel		f known)				<u> </u>			Appear			
		wo	02/08801	2		Mets	o Paper, I	nc.	11-	07-20	02				
		wo	2004/094	282	***************************************	Mets	o Paper, I	nc.	11-	04-20	04				
	ļ					ļ			ļ				ļ		
	ļ	.			•••••	ļ			.				 	•••••	
•••••						 			.				ļ		
	ļ				•••••				 				 	•••••	
						ļ		•••••	 				ļ		
	ļ				•••••	 	•••••		 				ļ		
	<u> </u>	<u></u>	<u> </u>				ī	D-1-	┸┯				L		l
Examiner Signature								Date Considered							

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter

code (WIPO Standard St.3). 4For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

JC20 Recap Par / 770 2. 1 06 7/2005 (10-96)

Please type a plus sign (+) inside this box $\rightarrow \blacksquare$

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitut	te for form 1449B/	PTO		Complete if Known			
	ODMATION	N DICC	N OCUPE	Application Number	20/554009		
	ORMATION			Filing Date	& W / J / T U U Y		
STATEMENT BY APPLICANT				First Named Inventor	Терро Којо		
	(Use as many sh	neets as ne	ressand	Group Art Unit			
	——————————		- Cooding)	Examiner Name			
Sheet	2	Of	2	Attorney Docket Number	FORSAL-107		

Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.							
	"Roll Paper Requirements and Specifications" Quebec World Version 1.9, 'Online! September 1, 2003, XP002289964							
	"Containerboard Mechanical Roll Quality Standards", Smurfit-Stone, "Online! June 1, 2001, XP002289965							
•	"Paper Machine Reel Optimization - Analysis and a Case Study" read by Dusan Dapcevic, published on pages C37 - C45 of the Conference Publication: Conference Record of the 1999 IEEE Annual Pulp & Paper Industry Technical Conference, Seattle, WA, June 21-25, 1999; 1-10							
	International Search Report issued in PCT/FI2004/000247							
	Written Opinion of the International Searching Authority issued in PCT/FI2004/000247							
	Search Report issued in FI20030618							
•								
•								
		No.¹ magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. "Roll Paper Requirements and Specifications" Quebec World Version 1.9, 'Online! September 1, 2003, XP002289964 "Containerboard Mechanical Roll Quality Standards", Smurfit-Stone, "Online! June 1, 2001, XP002289965 "Paper Machine Reel Optimization – Analysis and a Case Study" read by Dusan Dapcevic, published on pages C37 – C45 of the Conference Publication: Conference Record of the 1999 IEEE Annual Pulp & Paper Industry Technical Conference, Seattle, WA, June 21-25, 1999; 1-10 International Search Report issued in PCT/FI2004/000247 Written Opinion of the International Searching Authority issued in PCT/FI2004/000247						

Examiner Signature	Date Considered	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language translation is attached